What is claimed is:

- 1. An electrical plug connection having a first connector (12) and a second connector (13), which can be detachably coupled to one another in an axially running plug direction, a receiving slot (24) formed in a housing (14) of the first connector part (12), a flange (26), which protrudes at the second connector (13), at least regionally engaging with the receiving slot (24) when the two connector parts (12, 13) are coupled, and having a seal (27), which is attached to the first connector (12) and is elastically deformed by the flange (26) when the two connectors (12, 13) are coupled, wherein at least a first pressing element (31), which is radially pressed against a side surface (29) of the flange (26) when the two connectors (12, 13) are coupled, projects radially transversely to the plug direction, into the receiving slot (24); and at least a second pressing element (32), which receives an end face (34) of the flange (26) under axially directed pressing tension at the end of the coupling operation of the two connectors (12, 13), is situated in the receiving slot (24).
- The plug connection as recited in Claim 1,
  wherein the first pressing element (31) forms one piece with a contact carrier
  (15) as part of the housing (14) of the first connector (12) and is made of an inherently stable plastic.
- 3. The plug connection as recited in Claim 2, wherein the first pressing element (31) runs around the contact carrier (15).
- 4. The plug connection as recited in Claim 2, wherein the circumferential extent of first pressing element (31) at the contact carrier (15) is partially interrupted and forms individual pressing regions that can alternatively be re-formed into individual pressing points.

- 5. The plug connection as recited in one of the preceding claims, wherein the second pressing element (32) is situated at the closed end of the receiving slot (24) and is formed in the contact carrier (15) as a circumferential ring made of a hard elastic material having a Shore hardness of at least 60.
- 6. The plug connection as recited in Claim 5, wherein the second pressing element (32) is formed from hard rubber.